



# 16th International Conference on Fluidized Bed Combustion

May 13-16, 2001

John Ascuaga's Nugget Casino Resort  
Reno, Nevada USA

The American Society of Mechanical Engineers (ASME) and the Council of Industrial Boiler Owners (CIBO) are proud to sponsor the 16<sup>th</sup> International Conference on Fluidized Bed Combustion in Reno, Nevada. CIBO will hold its FBC Owners' Meeting in conjunction with the conference.

Reno, Nevada, known as the "Biggest Little City in the World," is an adventure itself featuring world-class gaming and entertainment. However, Reno is also at the center of one of the premium outdoor recreational areas of the United States. The Reno area features 23 excellent golf courses, 18 ski areas, fishing, site seeing, boating, hiking, cycling and more. Go to [www.playreno.com](http://www.playreno.com) or [www.renotahoe.com](http://www.renotahoe.com) for more information.

Spouse/family sightseeing programs will be available during the conference to add to your enjoyment. For more information on the spouse/family sightseeing program, contact Ms. Kimberly Yavorsky, U.S. Department of Energy, National Energy Technology Laboratory, at (412) 386-6044 ([yavorsky@netl.doe.gov](mailto:yavorsky@netl.doe.gov)).



## Conference Objective

*To promote the exchange of operating, economic, and scientific information pertaining to all aspects of fluidized bed combustion. The conference will permit owners, operators, engineers, and researchers to stay abreast of progress in design, construction, operation, technology improvements, and research findings. This international conference covers the entire range of configurations, fluidization conditions, fuels (especially biomass and waste fuels), and operating conditions. The theme of the conference is "FBC: Meeting Energy & Environmental needs Today – for Tomorrow".*

## Formal Paper Presentations

Papers for oral presentation will be 20 minutes in length, followed by a 5-minute question-and-answer period. Presenters may use 35-mm slides, overhead transparencies or multimedia files. The Steering Committee will encourage authors of the best papers to submit the paper to an ASME journal, e.g. *Journal of Heat Transfer*. Requirements for journal papers can be found through [www.asme.org](http://www.asme.org).

## Poster Sessions

Authors not wishing to make a formal presentation are encouraged to submit abstracts for a poster session. Papers nominated for "Best Paper" in each topical area will also be displayed in a poster session format to allow conference attendees to have informal interaction with the authors.

## Panel Discussions

The Conference will feature panel discussions on contemporary issues affecting designing, manufacturing and deploying fluidized bed combustion systems. If you have a suggested topic for a panel discussion, notify Donald W. Geiling at [donald.geiling@netl.doe.gov](mailto:donald.geiling@netl.doe.gov).

## Exhibits

The conference will feature selected exhibits from boiler manufacturers, component suppliers, and other organizations. For additional information regarding exhibits please contact Mr. Michael DeLallo, Parsons Infrastructure and Technology Group, Inc., at (610) 855-2675 ([michael.r.delallo@parsons.com](mailto:michael.r.delallo@parsons.com)) or Mr. Paul Weitzel, Babcock & Wilcox, at (330) 860-1655 ([psweitzel@pgg.mcdermott.com](mailto:psweitzel@pgg.mcdermott.com)).

## Key Dates and Deadlines

June 6, 2000 .....	Final Date for Receipt of Abstract
July 25, 2000 .....	Conference Paper Selections Announced
September 1, 2000 .....	Draft of Complete Papers Due to Topic Coordinators
November 1, 2000 .....	Comments Sent to Authors
January 16, 2001 .....	Final Papers Due
January 16, 2001 .....	Scholarship Applications Due

# Call for Papers

Conference Topics

Papers in any of the following topics are welcome:

AFBCs & PFBCs

Commercial/Demo Plant Assessments  
Design and Cost Studies  
Pilot Plant Evaluations  
Hot Gas Cleanup  
Components  
Technical Advancements  
Repowering

Fundamentals/R&D

Hydrodynamics  
Combustion  
Sorbent Performance  
NOx Studies  
Fuel Characterizations  
Modeling  
Heat Transfer

Sustainable Fuels

Biomass  
Waste Fuels  
Co-firing  
Sludge  
Animal Waste  
Other Opportunity Fuel

Operations\*

Plant Performance  
Siting/Community Issues  
Refractory/Insulation  
Regulatory Impact  
Case Studies

Environmental

Emission Assessments  
Environmental Regulatory Issues\*  
Ash Management and Use  
CO<sub>2</sub> Issues  
Air Toxics

\* Peer reviewed only if requested by the author

Abstract Requirements

- For each abstract, please provide: (1) topic from above list, (2) name(s) of all authors and identification of the presenter(s); (3) affiliation(s) (company, university, etc.) of authors; (4) mailing address(es) (Street, City, Country, Postal Code) of authors; (5) voice and fax telephone numbers (including country code) of authors; (6) e-mail address(es) of authors, (7) for presentations on Operations and Environmental Regulatory Issues, whether or not you want the paper to be peer reviewed, and (8) which authors (if any) need an invitation letter.
- For each paper, please submit a 250-300 word abstract by June 6, 2000. Submit the abstract electronically in either Microsoft Word (preferably version 7 or above) or Corel WordPerfect (preferably version 6.1 or above) format. Submission by e-mail is preferred, but submission by regular mail (on a 3-1/2" diskette) is acceptable. The electronic format will facilitate publishing and posting of abstracts on the Internet before the conference.

Send all abstracts to:

16<sup>th</sup> International FBC Conference  
c/o Ms. Kimberly Yavorsky  
U.S. Department of Energy  
National Energy Technology Laboratory  
P.O. Box 10940, MS 920-L  
Cochrans Mill Road  
Pittsburgh, PA 15236-0940  
(412) 386-6044  
yavorsky@netl.doe.gov



Student Scholarships

Students may apply for scholarships (to cover registration fees, proceedings, and lodging) by sending a copy of a curriculum vitae and a statement of research goals to Mr. Donald L. Bonk at Ms. Yavorsky's address. These materials should reach Mr. Bonk by January 16, 2001. Students do not have to present a paper to be eligible for the scholarship. The scholarships are being provided by the 16<sup>th</sup> International Conference Steering Committee to assist students who wish to attend the conference.

Conference information and updates can be obtained on the World Wide Web at [www.netl.doe.gov](http://www.netl.doe.gov) or at [www.asme.org](http://www.asme.org)

US DEPARTMENT OF ENERGY  
NATIONAL ENERGY TECHNOLOGY LABORATORY  
626 COCHRANS MILL ROAD  
P O Box 10940  
PITTSBURGH PA 15236-0940 USA

